**Classwork Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Undefined Values Period: \_\_\_\_\_\_\_\_Advisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **CRS** |  |
| **Objective** |  |

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| Evaluating fractions  a. = b. = c. = d. =  When is an expression involving a fraction undefined? | Evaluating radicals  a. = b. = c. = d. =  When is a radical expression undefined? |

**Undefined Values with Fraction Expressions**

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| **Example 1:**  When is the following expression undefined? | YOU TRY!  1) For what value of x is the following expression undefined? | YOU TRY!  2) What is the value of x when the following expression is undefined? |
| **Example 2:**  For what value of x is the following expression undefined? | YOU TRY!  3) What is the value of x when the following expression is undefined? | YOU TRY!  4) When is the following expression undefined? |
| **Example 3:**  For what value(s) of x is the following expression undefined? | YOU TRY!  5) For what value(s) of x is the following expression undefined? | YOU TRY!  6) For what value(s) of x is the following expression undefined? |
| **Example 4:**  When the expression is undefined, what is the value of ? | YOU TRY!  7) When the expression is undefined, what is the value of ? | YOU TRY!  8) When the expression is undefined, what is the value of ? |

**Undefined Values with Radical Expressions**

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| **Example 5:**  When is the following expression undefined? | YOU TRY!  9) When is the following expression undefined? | YOU TRY!  10) When is the following expression undefined? |
| **Example 6:**  When is the following expression undefined? | YOU TRY!  11) When is the following expression undefined? | YOU TRY!  12) When is the following expression undefined? |
| **Example 7:**  When is the following expression undefined? | YOU TRY!  13) When is the following expression undefined? | YOU TRY!  14) When is the following expression undefined? |